

## U.S. PRICE SCHEDULE

KEITHLEY

## INSTRUMENTS &amp; DATA ACQUISITION PRODUCTS

Effective October 1, 1988

## INSTRUMENT PRODUCTS

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT		FOR RACK CONVERSION USE MODEL:
			kg	lbs.	
1004	Rack Mounting Kit, Single Unit (grey) .....	185.00	3.2	7	
1004B	Rack Mounting Kit, Single Unit (brown) .....	185.00	3.2	7	
1007	Dual Rack Mounting Kit for 427, 642 .....	99.00	0.4	1	
1010	Single Rack Mounting Kit for Bench DMMs .....	105.00	2.3	5	
1017	Dual Rack Mounting Kit for Bench DMMs .....	110.00	2.3	5	
1019A	5-1/4 in. Fixed Rack Mounting Kit for 619 only .....	175.00	8.0	18	
1019S	5-1/4 in. Slide Rack Mounting Kit for 619 only .....	250.00	11.0	24	
1019A-1	5-1/4 in. Single Fixed Rack Mounting Kit .....	125.00	2.8	6	
1019A-2	5-1/4 in. Dual Fixed Rack Mounting Kit .....	125.00	2.3	5	
1019S-1	5-1/4 in. Single Slide Rack Mounting Kit .....	195.00	4.5	10	
1019S-2	5-1/4 in. Dual Slide Rack Mounting Kit .....	195.00	4.0	9	
1301	Temperature Probe .....	115.00	0.4	1	
1481	Low Thermal Input Cable with Clips (4 ft.) .....	205.00	0.4	1	
1482	Low Thermal Input Cable with Unterminated Leads (10 ft.) .....	205.00	0.4	1	
1483	Low Thermal Connection Kit .....	495.00	2.3	5	
1484	Refill Kit for 1483 Kit .....	205.00	0.9	2	
1485	Female Low Thermal Input Connector .....	150.00	0.4	1	
1486	Male Low Thermal Input Connector .....	150.00	0.4	1	
1488	Low Thermal Shorting Plug .....	205.00	0.4	1	
1489	Replacement Battery Pack for 148 .....	195.00	1.4	3	
1506	Low Thermal Input Cable (4 ft., Clips) .....	219.00	0.4	1	
1507	Low Thermal Input Cable (4 ft., Lugs) .....	209.00	0.4	1	
155	Null Detector/Microvoltmeter .....	2095.00	4.5	10	
1600A	High Voltage Probe .....	120.00	0.4	1	
1651	50-Ampere Shunt .....	60.00	0.4	1	
1681	Clip-On Test Lead Set .....	17.00	0.4	1	
1682A	RF Probe .....	79.00	0.4	1	
1683	Universal Test Lead Kit .....	25.00	0.4	1	
1684	Hard Shell Carrying Case for Bench DMMs .....	90.00	2.7	6	
1685	Clamp-On Current Probe .....	120.00	0.9	2	
1686	Vinyl Carrying Case .....	35.00	0.9	2	
169	Portable/Bench LCD DMM w/Test Leads and C-Zn Batteries (3-1/2 digit) .....	220.00	2.8	6	..1010, 1017
1691	General Purpose Test Leads .....	10.00	0.4	1	
1699	Spare Parts Kit for 169 .....	50.00	0.4	1	
169/1766	Portable/Bench LCD DMM with Battery Eliminator installed .....	280.00	2.8	6	..1010, 1017
1766	Battery Eliminator for 169 .....	65.00	0.4	1	
175	Autoranging Digital Multimeter (4-1/2 digit) .....	449.00	2.7	6	..1010, 1017
1751	Safety Test Leads .....	15.00	0.4	1	
1753	IEEE-488 Interface for 175 .....	225.00	1.3	3	
1754	Safety Universal Test Lead Kit .....	25.00	0.4	1	
1755	Calibration Interface for 175, 197, 485, 580 .....	400.00	1.8	4	
1758	Rechargeable Battery Pack for 175, 485 .....	89.00	0.9	2	
1759	Spare Parts Kit for 175 .....	70.00	0.4	1	
175/1753	Autoranging Multimeter with IEEE-488 Interface .....	674.00	4.0	9	..1010, 1017
175/1758	Autoranging Multimeter with Rechargeable Battery Pack .....	538.00	4.0	9	..1010, 1017
175/53/58	Autoranging Multimeter with IEEE-488 Interface and Battery Pack .....	763.00	4.5	10	..1010, 1017
177	Microvolt Digital Multimeter (4-1/2 digit) .....	640.00	2.8	6	..1010, 1017
1779	Spare Parts Kit for 177 .....	89.00	0.4	1	
177/1788	Microvolt Digital Multimeter with Rechargeable Battery Pack .....	815.00	4.5	10	..1010, 1017
177/1792	Microvolt Digital Multimeter with BCD Output .....	860.00	4.0	9	..1010, 1017
177/1793	Microvolt Digital Multimeter with IEEE-488 Output .....	980.00	4.0	9	..1010, 1017
1788	Rechargeable Battery Pack for 177, 179A, 480 .....	175.00	0.9	2	
179A	TRMS Digital Multimeter, 20 Amp w/Test Leads (4-1/2 digit) .....	495.00	2.8	6	..1010, 1017
1792	Isolated BCD Output for 177, 179A, 480 .....	220.00	1.4	3	
1793	Isolated IEEE-488 Output for 177, 179A, 480 .....	340.00	1.4	3	
179A/1788	TRMS Digital Multimeter with Rechargeable Battery Pack .....	670.00	4.5	10	..1010, 1017
179A/1792	TRMS Digital Multimeter with BCD Output .....	715.00	4.0	9	..1010, 1017
179A/1793	TRMS Digital Multimeter with IEEE-488 Output .....	835.00	4.0	9	..1010, 1017



# INSTRUMENT PRODUCTS

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT		FORRACK CONVERSION USEMODEL:
			kg	lbs.	
18000-20	High Speed Programmable Current Amplifier .....	1695.00	0.9	2	
181	Digital Nanovoltmeter with IEEE-488 Interface .....	3395.00	6.4	14	..1019A-1, 1019A-2, 1019S-1, 1019S-2
1815	Maintenance Kit for 181 .....	99.00	0.4	1	
192	Programmable DMM (5-1/2-6-1/2 digit) .....	1595.00	5.4	12	..1019A-1, 1019A-2, 1019S-1, 1019S-2
1910	Averaging AC Volts Option for 192 .....	260.00	0.4	1	
1920	True RMS AC Volts Option for 192 .....	310.00	0.4	1	
1923A	IEEE-488 Interface for 192 .....	415.00	0.4	1	
1924	Rear Input Adapter for 192 .....	450.00	0.4	1	
192/1910	Programmable DMM with Averaging AC Volts .....	1855.00	5.4	12	..1019A-1, 1019A-2, 1019S-1, 1019S-2
192/1920	Programmable DMM with TRMS AC Volts .....	1905.00	5.4	12	..1019A-1, 1019A-2, 1019S-1, 1019S-2
192/1923	Programmable DMM with 1923A IEEE-488 Interface .....	2010.00	5.4	12	..1019A-1, 1019A-2, 1019S-1, 1019S-2
192/10/23	Programmable DMM w/Averaging AC Volts & 1923A IEEE-488 Interface .....	2270.00	5.8	13	..1019A-1, 1019A-2, 1019S-1, 1019S-2
192/20/23	Programmable DMM with TRMS AC Volts & 1923A IEEE-488 Interface .....	2320.00	5.8	13	..1019A-1, 1019A-2, 1019S-1, 1019S-2
193A	System DMM (3-1/2-6-1/2 digit) .....	2495.00	12.0	22	..1938, 1939
1930	TRMS ACV Option for 193A .....	300.00	0.4	1	
1931	Current Option for 193A .....	200.00	0.4	1	
1938	Fixed Rack Mounting Kit for 193A, 194A .....	90.00	1.4	3	
1939	Slide Rack Mounting Kit for 193A, 194A .....	185.00	3.0	7	
193A/1930	System DMM with TRMS AC Volts (3-1/2-6-1/2 digit) .....	2795.00	11.5	21	..1938, 1939
193A/1931	System DMM with Current Option (3-1/2-6-1/2 digit) .....	2695.00	12.0	22	..1938, 1939
193A/30/31	System DMM with TRMS AC Volts and Current Option .....	2995.00	12.0	22	..1938, 1939
194A	High Resolution Digitizer .....	4395.00	13.0	27	..1938, 1939
1942	External Sample Trigger Cable .....	150.00	0.4	1	
1944A	Second Channel for 194A .....	2295.00	1.8	4	
194A/1944A	Dual Channel High Resolution Digitizer .....	6690.00	13.5	29	..1938, 1939
195A	System DMM with Temperature (4-1/2-5-1/2 digit) .....	995.00	5.0	11	..1019A-1, 1019A-2, 1019S-1, 1019S-2
1950	DCA, TRMS ACV and ACA Option for 195A .....	325.00	0.4	1	
1951	Platinum RTD Adapter for 195A .....	98.00	0.4	1	
195A/1950	System DMM with Temperature, DCA, TRMS ACV and ACA .....	1320.00	5.4	12	..1019A-1, 1019A-2, 1019S-1, 1019S-2
196	System DMM (3-1/2-6-1/2 digit) .....	1395.00	5.9	13	..1019A-1, 1019A-2, 1019S-1, 1019S-2
197	Autoranging Microvolt Digital Multimeter (5-1/2 digit) .....	630.00	3.2	7	
1972	IEEE-488 Interface with Analog Output for 197 .....	300.00	0.5	1	
1973	IEEE-488 Interface for 197 .....	225.00	0.5	1	
1978	Rechargeable Battery Pack for 197, 580 .....	99.00	1.0	2	
1979	Spare Parts Kit for 197 .....	100.00	0.4	1	
197/1972	Autoranging Microvolt DMM w/IEEE-488 & Analog Output .....	930.00	4.0	9	..1010, 1017
197/1973	Autoranging Microvolt DMM w/IEEE-488 Interface .....	855.00	4.0	9	..1010, 1017
197/1978	Autoranging Microvolt DMM w/Rechargeable Battery Pack .....	729.00	4.1	9	..1010, 1017
197/72/78	Autoranging Microvolt DMM w/IEEE-488, Analog Output, Battery Pack .....	1029.00	4.6	10	..1010, 1017
197/73/78	Autoranging Microvolt DMM w/IEEE-488 and Battery Pack .....	954.00	4.6	10	..1010, 1017
199	System DMM/Scanner .....	995.00	3.2	7	..1998-1, 1998-2
199/1992	System DMM/Scanner w/8 Channel Scanner Option .....	1390.00	3.6	8	..1998-1, 1998-2
1992	8 Channel Scanner Option for 199 .....	395.00	0.4	1	
1993	Quick Disconnect Scanner Connector Kit for 1992 .....	45.00	0.4	1	
1998-1	Single Fixed Rack Mount Kit for 199 .....	40.00	0.4	1	
1998-2	Dual Fixed Rack Mount Kit for 199 .....	65.00	0.4	1	
2000	Single Rack Mounting Kit for 427 and 642 .....	99.00	0.9	2	
220	Programmable Current Source with IEEE-488 Interface .....	3195.00	6.9	15	..1019A-1, 1019A-2, 1019S-1, 1019S-2



## INSTRUMENT PRODUCTS

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT kg	lbs.	FOR RACK CONVERSION USE MODEL:
224	Programmable Current Source .....	2295.00	6.9	15	..1019A-1, 1019A-2, 1019S-1, 1019S-2
2243	IEEE-488 Interface for 224 .....	315.00	0.4	1	
224/2243	Programmable Current Source with IEEE-488 Interface .....	2610.00	7.3	16	..1019A, 1019-2, ..1019S-1, 1019S-2
225	Current Source .....	2795.00	5.9	13	..1004
228A	Programmable Voltage/Current Source w/IEEE-488 Interface .....	3595.00	15.8	35	..2288, 2289A
2286	Safety Output Assembly for 228A (one included in each 228A) .....	99.00	0.4	1	
2288	Fixed Rack Mounting Kit for 228A .....	90.00	1.4	3	
2289A	Slide Rack Mounting Kit for 228A .....	185.00	3.0	7	
230	Programmable Voltage Source with IEEE-488 Interface .....	2180.00	7.2	15	..1019A-1, 1019A-2, 1019S-1, 1019S-2
230-1	Programmable Voltage Source for Package 82 .....	2495.00	7.2	15	..1019A-1, 1019A-2, 1019S-1, 1019S-2
247	Regulated High Voltage Supply (bench/rack) .....	1395.00	7.2	16	
2503	Static Detector Probe .....	469.00	0.9	2	
261	Picoampere Source .....	2895.00	5.4	12	..4003A
262	Nanovolt Low Thermal Voltage Divider .....	1995.00	3.2	7	
263	Calibrator/Source with IEEE-488 Interface .....	3495.00	3.6	8	..1019A-1, 1019A-2, 1019S-1, 1019S-2
26120	Log Picoammeter ( $10^{-3}$ to $10^{-11}$ A) .....	2995.00	5.9	13	..1004B
26220	Log Picoammeter ( $10^{-4}$ to $10^{-12}$ A) .....	3195.00	5.9	13	..1004B
26320	Log Picoammeter ( $10^{-7}$ to $10^{-13}$ A) .....	3395.00	5.9	13	..1004B
4003A	Single Rack Mounting Kit for 261 .....	195.00	1.8	4	
427	Current Amplifier .....	2795.00	5.0	11	..1007, 2000
480	Digital Picoammeter .....	849.00	2.7	6	..1010, 1017
4801	Low Noise BNC Input Cable, 4 ft. ....	45.00	0.4	1	
4802-10	Low Noise BNC Input Cable, 10 ft. (unterminated) .....	55.00	0.4	1	
4803	Low Noise Cable Kit .....	75.00	1.4	3	
4804	Male BNC to Female Triax Adapter .....	125.00	0.4	1	
480/1788	Digital Picoammeter with Rechargeable Battery Pack .....	1024.00	4.5	10	..1010, 1017
480/1793	Digital Picoammeter with IEEE-488 Output .....	1189.00	4.0	9	..1010, 1017
485	Autoranging Digital Picoammeter .....	795.00	2.7	6	..1010, 1017
4851	BNC Shorting Plug .....	35.00	0.4	1	
4853	IEEE-488 Interface for 485 .....	225.00	1.4	3	
485/1758	Autoranging Digital Picoammeter with Rechargeable Battery Pack .....	884.00	4.0	9	..1010, 1017
485/4853	Autoranging Digital Picoammeter with IEEE-488 Interface .....	1020.00	4.0	9	..1010, 1017
580	Micro-ohmmeter with 5804, 5805, 5806 Test Leads & 5801 Test Lead Pouch ....	1695.00	5.4	12	..1010, 1017
5801	Test Lead Pouch (7 ft.) .....	70.00	0.9	2	
5802	Isolated Analog Output/IEEE-488 Interface .....	325.00	0.4	1	
5804	General Purpose, 4 Terminal Test Lead Set .....	150.00	0.4	1	
5805	Kelvin Probes .....	170.00	0.4	1	
5805-12	Kelvin Probes (12 ft.) .....	205.00	0.4	1	
5806	Kelvin Clip Leads .....	205.00	0.4	1	
5807-7	Helical Spring Point Test Leads (7 ft.) .....	395.00	0.9	2	
580-1	Model 580 Micro-ohmmeter without Test Leads and Pouch .....	1295.00	3.2	7	
580/5802	Micro-ohmmeter with Isolated Analog Output/IEEE-488 Interface .....	2020.00	5.0	11	..1010, 1017
580/1978	Micro-ohmmeter with Rechargeable Battery Pack .....	1794.00	6.4	14	..1010, 1017
580/02/78	Micro-ohmmeter w/ Isolated Analog Output/IEEE-488 Interface & Battery Pack .....	2119.00	6.9	15	..1010, 1017
590/100k	100kHz CV Analyzer with IEEE-488 Interface .....	5990.00	15.3	34	..2288, 2289A
590/1M	1MHz CV Analyzer with IEEE-488 Interface .....	5990.00	15.3	34	..2288, 2289A
590/100k/1M	100kHz/1M CV Analyzer with IEEE-488 Interface .....	7990.00	15.8	35	..2288, 2289A
590/100k/4	100kHz CV Analyzer with Calibrated 5904 Adapter & IEEE-488 Interface .....	6290.00	15.8	35	..2288, 2289A
590/100k/1M/4	100kHz/1MHz CV Analyzer w/ Calibrated 5904 Adapter & IEEE-488 Interface .....	8290.00	16.2	36	..2288, 2289A



# INSTRUMENT PRODUCTS

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT kg	SHIPPING WEIGHT lbs.	FORRACK CONVERSION USEMODEL:
5904	20nF/20mS Adapter (not calibrated to mainframe) .....	250.00	0.4	1	
5905	Calibration Sources for 590/1M .....	2795.00	2.2	5	
5906	Calibration Sources for 590/100k/1M/4 .....	3695.00	1.4	3	
5907	Cable/Matrix Calibration Sources .....	995.00	1.4	3	
5909	Package 82 Calibration Sources .....	1695.00	1.8	4	
595	Quasistatic CV Meter with IEEE-488 Interface .....	5990.00	7.3	16	..1019A-1, 1019A-2, 1019S-1, 1019S-2
5951	Remote Input Coupler for Package 82 .....	2980.00	2.3	5	
5955	Calibration Capacitor Set for 595 .....	1695.00	0.9	2	
5956	CV Software for Package 82, Model 590/100k/1M, Model 595 on HP computers .....	895.00	0.9	2	
5957	CV Software for Package 82, Model 590/100k/1M, Model 595 on DOS (AT compatible) computers .....	895.00	0.9	2	
602	Solid State Electrometer (battery) with Test Leads .....	3195.00	8.0	17	
6011	Input Leads (5 ft.), Triax to Clips .....	99.00	0.4	1	
6011-10	Input Leads (10 ft.), Triax to Clips .....	145.00	0.4	1	
6012	Triax to UHF Adapter .....	95.00	0.4	1	
610C	Electrometer (bench) .....	3195.00	6.4	14	
6101A	Shielded Probe .....	259.00	0.4	1	
6103C	Voltage Divider Probe (1000:1) .....	450.00	0.9	2	
6105	Resistivity Chamber .....	1149.00	2.3	5	
614	Digital Electrometer .....	1895.00	5.4	12	..1019A-1, 1019A-2, 1019S-1, 1019S-2
6146	Triax Tee Adapter .....	50.00	0.4	1	
6147	Male Triax to Female BNC Adapter .....	85.00	0.4	1	
6167	Guarded Input Adapter for 220, 224, 602, 614 .....	395.00	0.4	1	
617	Programmable Electrometer/Source .....	3295.00	5.0	13	..1019A-1, 1019A-2, 1019S-1, 1019S-2
6171	3-Slot Male to 2-Lug Female Triaxial Adapter .....	35.00	0.4	1	
6172	2-Slot Male to 3-Lug Female Triaxial Adapter .....	35.00	0.4	1	
619	Digital Electrometer/Multimeter .....	4395.00	13.5	29	..1019A, 1019S
6191	Guarded Input Adapter for 619 .....	375.00	0.4	1	
6193	IEEE-488 Interface for 619 .....	355.00	0.4	1	
6194	Electrometer Module for 619 .....	1295.00	0.9	2	
6195	Maintenance Kit for 619 .....	450.00	2.3	5	
619/6193	Digital Electrometer/Multimeter with IEEE-488 Interface .....	4750.00	13.5	29	..1019A, 1019S
619/93/94	2-Channel Digital Electrometer/Multimeter with IEEE-488 Interface .....	6045.00	14.5	32	..1019A, 1019S
642	Digital Electrometer (without Input Adapter) .....	6395.00	12.0	26	..1007, 2000
642 LNFA	Digital Electrometer, <50µV p-p noise, fast 10 <sup>-11</sup> A range .....	7695.00	12.0	26	..1007, 2000
642 LNFA/6423	Digital Electrometer, <50µV p-p noise, fast 10 <sup>-11</sup> A Range w/IEEE-488 Output .....	8220.00	13.0	28	..1007, 2000
6421	Desiccant Paper Refill .....	35.00	0.4	1	
6422	Isolated BCD Output for 642 .....	395.00	0.4	1	
6423	Isolated IEEE-488 Output for 642 .....	525.00	0.4	1	
6424	BNC Input Adapter for 642 .....	170.00	0.4	1	
6425	GenRad GR874® Air Line Input Adapter for 642 .....	270.00	0.4	1	
6426	Sapphire Insulated Test Box .....	949.00	1.4	3	
6427-20	20-foot Interconnect Cable for 642 .....	595.00	2.8	6	
6427-50	50-foot Interconnect Cable with Remote Supply for 642 .....	1495.00	8.0	18	
6428	Battery Adapter for 642 .....	440.00	0.4	1	
7007-1	Shielded IEEE-488 Cable, 1m (3.2 ft.) .....	99.00	0.4	1	
7007-2	Shielded IEEE-488 Cable, 2m (6.5 ft.) .....	109.00	0.9	2	
7008-3	IEEE-488 Digital Cable, 0.9m (3 ft.) .....	77.00	0.4	1	
7008-6	IEEE-488 Digital Cable, 1.8m (6 ft.) .....	85.00	0.9	2	
7010	Shielded IEEE-488 to IEEE-488 Adapter .....	75.00	0.4	1	
7023	Female Triaxial Bulkhead Connector .....	26.00	0.4	1	
7024-3	Triaxial Cable, 0.9m (3 ft.) .....	105.00	0.4	1	
7024-10	Triaxial Cable, 3.0m (10 ft.) .....	125.00	0.4	1	
7025-10	Low Noise Triaxial Input Cable (one end unterminated, 10 ft.) .....	85.00	0.4	1	
705	20-Channel Scanner Mainframe (without cards) .....	1 - 3 units 995.00 each	5.4	12	..1019A-1, 1019A-2, 1019S-1, 1019S-2
	4+ units .....	900.00 each	5.4	12	
705/7065	20-Channel Scanner Mainframe with Hall Effect Card .....	5995.00	8.6	19	..1019A-1, 1019A-2, 1019S-1, 1019S-2

MODEL	DESCRIPTION		DOMESTIC PRICE	SHIPPING WEIGHT kg lbs.	FORRACK CONVERSION USEMODEL:
706	100-Channel System Scanner Mainframe (without cards).....	1 - 3 units	2195.00 each	14.0 30	..7068, 7069
		4+ units	1995.00 each	12.5 27	
7051-2	BNC Interconnect Cable (2 ft.) .....	1 - 4 units	30.00 each	0.4 1	
		5+ units	25.00 each	0.4 1	
7051-5	BNC Interconnect Cable (5 ft.) .....	1 - 4 units	30.00 each	0.9 2	
		5+ units	25.00 each	0.9 2	
7051-10	BNC Interconnect Cable (10 ft.) .....	1 - 4 units	30.00 each	0.9 2	
		5+ units	25.00 each	0.9 2	
Scanner/Multiplex/Matrix Switching Cards and Accessories for Models 705 and 706 Scanner Mainframes					
7052	5 x 4 Matrix Plug-In Switching Card .....	1 - 4 units	650.00 each	0.9 2	
		5 - 9 units	590.00 each	0.9 2	
		10 - 19 units	525.00 each	0.9 2	
		20+ units	475.00 each	0.9 2	
7053	High Current Plug-In Switching Card .....	1 - 4 units	525.00 each	0.9 2	
		5 - 9 units	480.00 each	0.9 2	
		10 - 19 units	440.00 each	0.9 2	
		20+ units	420.00 each	0.9 2	
7054	High Voltage Plug-In Switching Card .....	1 - 4 units	525.00 each	0.9 2	
		5 - 9 units	480.00 each	0.9 2	
		10 - 19 units	440.00 each	0.9 2	
		20+ units	420.00 each	0.9 2	
7055	10-Channel Quick Disconnect (supplied with 7056) .....	1 - 4 units	99.00 each	0.4 1	
		5 - 9 units	92.00 each	0.4 1	
		10 - 19 units	83.00 each	0.4 1	
		20+ units	80.00 each	0.4 1	
7056	General Purpose Relay Plug-In Switching Card w/Quick Disconnect .....	1 - 4 units	275.00 each	0.9 2	
		5 - 9 units	245.00 each	0.9 2	
		10 - 19 units	215.00 each	0.9 2	
		20+ units	206.00 each	0.9 2	
7057A	Thermocouple Plug-In Switching Card .....	1 - 4 units	630.00 each	0.9 2	
		5 - 9 units	595.00 each	0.9 2	
		10 - 19 units	550.00 each	0.9 2	
		20+ units	525.00 each	0.9 2	
7058	Low Current Plug-In Switching Card .....	1 - 4 units	1350.00 each	0.9 2	
		5 - 9 units	1254.00 each	0.9 2	
		10 - 19 units	1152.00 each	0.9 2	
		20+ units	1107.00 each	0.9 2	
7059	Low Voltage Plug-In Switching Card .....	1 - 4 units	515.00 each	0.9 2	
		5 - 9 units	470.00 each	0.9 2	
		10 - 19 units	425.00 each	0.9 2	
		20+ units	400.00 each	0.9 2	
7061	Universal Adapter Card .....		120.00	0.9 2	
7062	RF Switching Card (50Ω, unterminated) .....	1 - 4 units	495.00 each	0.9 2	
		5 - 9 units	470.00 each	0.9 2	
		10 - 19 units	440.00 each	0.9 2	
		20+ units	425.00 each	0.9 2	
7063	RF Switching Card (50Ω, terminated) .....	1 - 4 units	685.00 each	0.9 2	
		5 - 9 units	645.00 each	0.9 2	
		10 - 19 units	600.00 each	0.9 2	
		20+ units	580.00 each	0.9 2	
7064	20-Channel Low Voltage Switching Card .....	1 - 4 units	695.00 each	0.9 2	
		5 - 9 units	650.00 each	0.9 2	
		10 - 19 units	605.00 each	0.9 2	
		20+ units	585.00 each	0.9 2	
7065	Hall Effect Card including Input Adapters Cables & Plugs .....		5495.00	3.2 7	
7066	Relay Switching Card .....	1 - 4 units	315.00 each	0.4 1	
		5 - 9 units	285.00 each	0.4 1	
		10 - 19 units	250.00 each	0.4 1	
		20+ units	235.00 each	0.4 1	



# INSTRUMENT PRODUCTS

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT kg lbs.	FOR RACK CONVERSION USE MODEL:
7067	Four-Wire Scanner Card .....	1 - 4 units 630.00 each	0.9 2	
		5 - 9 units 592.00 each	0.9 2	
		10 - 19 units 573.00 each	0.9 2	
		20+ units 561.00 each	0.9 2	
7068	Fixed Rack Mounting Kit for 706 .....	90.00	1.4 3	
7069	Slide Rack Mounting Kit for 706 .....	185.00	3.2 7	
7154	High Voltage Scanner Card .....	1 - 4 units 625.00 each	0.9 2	
		5 - 9 units 575.00 each	0.9 2	
		10 - 19 units 544.00 each	0.9 2	
		20+ units 525.00 each	0.9 2	
7158	Low Current Card .....	1 - 4 units 950.00 each	0.9 2	
		5 - 9 units 874.00 each	0.9 2	
		10 - 19 units 836.00 each	0.9 2	
		20+ units 817.00 each	0.9 2	
7164-D	20-Channel Scanner Card, Dry Reed .....	1 - 4 units 395.00 each	0.9 2	
		5 - 9 units 350.00 each	0.9 2	
		10 - 19 units 320.00 each	0.9 2	
		20+ units 295.00 each	0.9 2	
7164-M	20-Channel Scanner Card, Mercury Wetted .....	1 - 4 units 650.00 each	0.9 2	
		5 - 9 units 590.00 each	0.9 2	
		10 - 19 units 525.00 each	0.9 2	
		20+ units 495.00 each	0.9 2	
7164-MTC-10	Mass Terminated Cable Assembly for Model 7164 (10 ft.) .....	89.00	0.9 2	
7164-KIT	50 Pin Mass Terminated Receptacle, Bulkhead Mount .....	21.00	0.4 1	
7166	Mercury Relay Scanner Card .....	1 - 4 units 375.00 each	0.4 1	
		5 - 9 units 341.00 each	0.4 1	
		10 - 19 units 319.00 each	0.4 1	
		20+ units 308.00 each	0.4 1	
7168	Nanovolt Scanner Card .....	1 - 3 units 2095.00 each	1.4 3	
		4+ units 1795.00 each	1.4 3	
7402	Thermocouple Scanner Card .....	1 - 3 units 500.00 each	0.9 2	
		5 - 9 units 440.00 each	0.9 2	
		10 - 19 units 415.00 each	0.9 2	
		20+ units 400.00 each	0.9 2	
707	Switching Matrix Mainframe w/Fixed Rack Kit .....	3500.00	29.0 64	..7079
7070	Universal Adapter Card Set for 707 .....	900.00	4.6 10	
7071	8x12, General Purpose Matrix Card for 707 .....	2500.00	4.1 9	
7071-4	Dual 4x12, General Purpose Matrix Card for 707 .....	2800.00	4.6 10	
7072	8x12, Semiconductor Matrix Card for 707 .....	4900.00	3.6 8	
7073	8x12, Coaxial Matrix Card for 707 .....	2800.00	4.1 9	
7078-CSHP	Cable Set to Connect 7072 to HP-4145P .....	960.00	2.3 5	
7078-CIT	Contact Insertion and Extraction Tool .....	85.00	0.4 1	
7078-DIN	8-Pin DIN Cable, (Master/Slave) .....	40.00	0.4 1	
7078-HCT	Hand Crimping Tool .....	175.00	0.9 2	
7078-KIT	Connector Kit .....	50.00	0.4 1	
7078-MTC-5	Mass Terminated Cable Assembly (5 ft.) .....	205.00	1.4 3	
7078-MTC-20	Mass Terminated Cable Assembly (20 ft.) .....	225.00	2.3 5	
7078-MTR	Mass Terminated Receptacle, bulkhead mount .....	50.00	0.4 1	
7078-PEN	Programming Light Pen .....	250.00	0.4 1	
7078-TRX-BNC	3-Lug Triax to BNC Adapter .....	85.00	0.4 1	
7078-TRX-T	3-Lug Triax T Adapter .....	60.00	0.4 1	
7078-TRX-TBC	C3-Lug Female Triax Bulkhead Connector w/Cap .....	30.00	0.4 1	
7078-TRX-3	3-Slot Low Noise Triax Cable (3 ft.) .....	105.00	0.4 1	
7078-TRX-10	3-Slot Low Noise Triax Cable (10 ft.) .....	125.00	0.4 1	
7078-TRX-20	3 Slot Low Noise Triax Cable (20 ft.) .....	150.00	0.9 2	
7079	Slide Rack Mount .....	220.00	7.7 17	
740	System Scanning Thermometer .....	1495.00	6.2 14	..1019A-1, 1019A-2, 1019S-1, 1019S-2
740/7402	Scanning Thermometer with 9 Input Channels .....	1895.00	4.7 10	..1019A-1, 1019A-2, 1019S-1, 1019S-2

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT kg lbs.	FORRACK CONVERSION USEMODEL:
7401	Thermocouple Wire Kit (100 ft., Type K) .....	105.00	0.4 1	
7402	Thermocouple Scanner Card .....	1 - 4 units 500.00 each	0.9 2	
	5 - 9 units 440.00 each	0.9 2		
	10 - 19 units 415.00 each	0.9 2		
	20+ units 400.00 each	0.9 2		
775A	Programmable Counter/Timer .....	1650.00	5.4 12	..1019A-1, 1019A-2, 1019S-1, 1019S-2
7754-3	BNC to Alligator Cable (3 ft.) .....	18.00	0.4 1	
7755	50Ω Feed-Through Terminator .....	40.00	0.4 1	
775A/51/52	Programmable Counter/Timer with Channel C and TCXO .....	2100.00	5.4 12	..1019A-1, 1019A-2, 1019S-1, 1019S-2
8000	Equipment Cabinet, 28 in. high x 19 in. wide x 21 in. deep .....	745.00	29.5 65	
8000-14	Equipment Cabinet, 14 in. high x 19 in. wide x 21 in. deep .....	400.00	17.3 38	
8001	Semiconductor Test Box with Cables .....	995.00	1.8 4	
8002	High Resistance Test Box with Cables .....	695.00	1.8 4	
8003	Low Resistance Test Box with Cables .....	695.00	1.8 4	
8691	Pt RTD Connector Adapter Kit for 195A .....	55.00	0.4 1	
8693	Pt RTD General Purpose Probe for 195A .....	99.00	0.4 1	
8695	Pt RTD Surface Probe for 195A .....	135.00	0.4 1	
8696	Pt RTD Air/Gas Probe for 195A .....	135.00	0.4 1	
Package 68	Nanovolt Scanner System .....	5990.00	12.2 27	
	Includes: Model 705 Scanner, Model 7168 Nanovolt Scanner Card, and Model 181 Digital Nanovoltmeter			
Package 70	Relay Test System .....	23,484.00	67.7 145	
	Includes:			
	Model 193A System Digital Multimeter, Model 194A/1944A Dual Channel High Resolution Digitizer, Model 230 Programmable Voltage Source, Model 220 Program- mable Current Source, Model 706100-Channel System Scanner Mainframe, Model 617 Programmable Electrometer/Source, Model 7059 Low Voltage Plug-In Switching Card (4), Model 7166 Mercury-Wetted Relay Plug-In Switching Card, Model 7007-1 Shielded IEEE-488 Cable, (5), Model 7007-2 Shielded IEEE-488 Cable, & Relay Test System Software Disk.			
	Accessories:			
	Model 70X01 Test Fixture & Interface Assembly .....	2300.00		
	Includes: Complete cable assembly, Universal test fixture, Diagnostic test fixture			
	Model 70X02 Test Fixture Card Edge .....	25.00	0.4 1	
	Model 70X03 Relay test system software .....	750.00	0.4 1	
	Model 70X04 Pre-wired and Tested Scanner Card-to-Interface Assembly .....	1000.00		
Package 80	Hall Effect System .....	10,495.00	26.1 58	
	Includes: Model 705 Scanner, Model 7065 Hall Effect Card, Model 196 System DMM, Model 220 Programmable Current Source, Model 485/4853 Picoammeter, and Model 7008-3 IEEE Cables (3).			
Package 82	Simultaneous CV Systems for HP Computers .....	22,045.00	28.9 63	
	Includes: Model 595 Quasistatic CV Meter, Model 590/100k/1M CV Analyzer, Model 230-1 Programmable Current/Voltage Source, Model 5909 Calibration Source, Model 5951 Remote Input Coupler, Model 5956 Simultaneous CV Software for HP Computers.			
Package 82-DOS	Simultaneous CV System for DOS (AT compatible) Computers .....	22,045.00	28.9 63	
	Includes: Model 595 Quasistatic CV Meter, Model 590/100K/1M CV Analyzer, Model 230-1 Programmable Current/Voltage Source, Model 5909 Calibration Source, Model 5951 Remote Input Coupler, Model 5957 Simultaneous CV Software for DOS (AT compatible) Computers.			
PC-488-CEC	IEEE-488 Interface Card for IBM PC/XT/AT .....	395.00	1.8 4	
PC-488-COP	Co-Operator™ Software; Interactive Programming Aid w/PC-488-CEC .....	95.00	0.4 1	
PC-488-GRAPH	Graphics Software for IBM PC/XT/AT .....	95.00	0.9 2	
PC-488-INT	Basic Interrupt Handling Software with PC-488-CEC .....	95.00	0.4 1	
PS-488-CEC	IEEE-488 Interface Card for IBM PS/2 .....	495.00	1.8 4	
PS-488-COP	Co-Operator™ Software; Interactive Programming Aid w/PS-488-CEC			



# INSTRUMENT PRODUCTS

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT		FORRACK CONVERSION USE MODEL:
			kg	lbs.	
PS-488-GRAPH	Graphics Software for IBM PS/2 .....	95.00	0.9	2	
PS-488-INT	Basic Interrupt Handling Software with PS-488-CEC for IBM PS/2 .....	95.00	0.9	2	
4-488-CEC-0M	IEEE-488, Serial Port, Parallel Port, without RAM memory for IBM AT .....	795.00	2.3	5	
4-488-CEC-1M	IEEE-488, Serial Port, Parallel Port, w/1M byte expanded RAM memory for IBM AT .....	1995.00	2.3	5	
ASYSTANT GPIB	IEEE-488 Control, Analysis, and Graphics Software .....	695.00	0.4	1	



# DATA ACQUISITION & CONTROL PRODUCTS

The Keithley Data Acquisition product line consists of the System 570 and 500-series workstations plus over 25 signal conditioning modules and accessories. The System 570 is a PC/XT/AT-compatible system which performs analog and digital I/O. It includes one expansion slot for adding specialized functions. The 500-series includes various AC- and DC- powered models which offer compatibility with PC, XT, AT and PS/2 Micro Channel architectures. All 500-series systems are based on a 10-slot mainframe for maximum expandability and versatility. The following systems are starter packages which include Soft500 software, documentation, sch-

matics, tutorial, and calibration information. Each package also contains an interface, cabling, data acquisition unit, and modules as noted. Additional modules may be added to these systems as space permits. The Series 500 and System 570 come with a one-year parts and labor warranty and 90 days of free product applications support. Educational discounts are available for qualified institutions. For a formal quotation and current delivery schedule, please call Keithley DAC at 1-800-552-1115. Foreign prices may be obtained by consulting Keithley's international representatives.

## SYSTEMS

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT	
			kg	lbs.
500-500A	System 500A (IBM PC/XT/AT & 100% Compatibles)* Includes: AC-Powered 500A-Main mainframe, IBIN-A Interface, Soft500 Software & Cable .....	1700.00	13.1	29
500-501A	System 501A (IBM PC/XT/AT & 100% Compatibles)* Includes: AC-Powered 500A-Main mainframe, IBIN-A Interface, Soft500 Software, 500-AMM1 & 500-DIO1 .....	2720.00	14.1	31
500-516A	System 516A (IBM PC/XT/AT & 100% Compatibles)* Includes: AC-Powered 500A-Main mainframe, IBIN-A Interface, Soft500 Software, 500-AMM2 & 500-DIO1 .....	3165.00	14.1	31
500-500APS2	System 500APS2 (IBM Personal System/2 Models 50, 60, 80 & 100% Compatibles)* Includes: AC-Powered 500A-Main mainframe, IBIN-PS2 Interface, Soft500 Software & Cable .....	1700.00	13.1	29
500-501APS2	System 501APS2 (IBM Personal System/2 Models 50, 60, 80 & 100% Compatibles) Includes: AC-Powered 500A-Main mainframe, IBIN-PS2, Interface, Soft500 Software, 500-AMM1 & 500-DIO1 .....	2720.00	14.1	31
500-516APS2	System 516APS2 (IBM Personal System/2 Models 50, 60, 80 & 100% Compatibles)* Includes: AC-Powered 500A-Main mainframe, IBIN-PS2 Interface, Soft500 Software 500-AMM2 & 500-DIO1 .....	3165.00	14.1	31
500-500PCS	System 500PCS* Includes: DC-Powered 500P-2-Main Portable mainframe, IBIN-A Interface , Soft500 Software & Cable .....	2200.00	13.1	29
500-501PCS	System 501PCS* Includes: DC-Powered 500P-2-Main Portable mainframe, IBIN-A Interface, Soft500, AMM1 & DIO1 .....	3220.00	14.1	31
500-516PCS	System 516PCS* Includes: DC-Powered 500P-2-Main Portable mainframe, IBIN-A Interface AMM2 & DIO1 .....	3665.00	14.1	31
500-001	Delete Option* - 500PCS System 9.5-18V DC. Substitute: DC-Powered 500P-2-Main Portable mainframe, IBIN-A Interface (Mainframe part number is 500P-1-Main) .....	(200.00)	-	-
500-002	Add Option* - 500PCS System with isolated computer supply. Substitute 118-36V DC operation for 9.5 - 18V operation. (Mainframe part number is 500P-3-Main) .....	(100.00)	-	-
500-570	System 570 (IBM & 100% Compatibles)* Data Acquisition Workstation. Includes: System 570, PC/XT/AT Interface, Soft500 Software and Cable .....	1425.00	8.0	18

## MODULES

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT	
			kg	lbs
500-AMM1	*AMM1 8-Channel s/e Master Measurement Module w/12-Bit A/D .....	680.00	0.4	1
500-AMM2	*AMM2 16-Channel (8 differential) Master Measurement Module w/16-Bit A/D .....	1125.00	0.4	1
500-AIM2	AIM2 32-Channel s/e High Level Analog Input Module .....	450.00	0.4	1
500-AIM3	AIM3 32-Channel (16 Differential) High Sensitivity Analog Input Module .....	795.00	0.4	1
500-AIM4	AIM4 4-Channel Isolated Analog Input Module .....	910.00	0.4	1
500-AIM5	AIM5 4-Channel Isolated Low Level Analog Input Module .....	960.00	0.4	1
500-AIM6	AIM6 4-Channel RTD Analog Input Module .....	850.00	0.4	1
500-AIM7	AIM7 16-Channel Thermocouple Input Module .....	990.00	0.4	1
500-AIM8	AIM8 4-Channel Strain Gage Analog Input Module .....	990.00	0.4	1
500-AIM9	AIM9 2-Channel LVDT/RVDT Analog Input Module .....	950.00	0.4	1
500-AOM1/2	AOM1/2 12-Bit D/A, 2-Channel Analog Output Module .....	700.00	0.4	1
500-AOM1/5	AOM1/5 12-Bit D/A, 5-Channel Analog Output Module .....	1100.00	0.9	2
500-AOM2/1	AOM2/1 16-Bit D/A, 1-Channel High Resolution Analog Output Module .....	1140.00	0.4	1
500-AOM2/2	AOM2/2 16-Bit D/A, 2-Channel High Resolution Analog Output Module .....	1800.00	0.4	1
500-AOM3	AOM3 4-Channel Current Loop Output Modul .....	1050.00	0.4	1
500-AOM4	AOM4 4-Channel Programmable Excitation Output Module .....	900.00	0.4	1
500-DIM1	DIM1 16-Channel Isolated Digital Input Module .....	340.00	0.4	1
500-DIO1	DIO1 32-Channel TTL Digital Input/Output Module .....	340.00	0.4	1
500-DOM1	DOM1 16-Channel Isolated Digital Output Module .....	340.00	0.4	1
500-EXTND	Module Extender Board .....	110.00	0.4	1
500-GPIB	IEEE-488 Instrument Controller Interface Module .....	700.00	0.4	1
500-PCM1	PCM1 4-Channel AC Power Control Module (includes 4 ea. 500-OAC1) .....	460.00	0.4	2
500-PCM2	PCM2 16-Channel AC/DC Power Control & Sensing Module (no relays) .....	640.00	1.3	3
500-PIM1	PIM1 8-Channel Frequency Measurement Module .....	710.00	0.4	1
500-PIM2	PIM2 4-Channel Event Counting Module .....	510.00	0.4	1
500-PROTO	Prototyping Module .....	130.00	0.4	1
500-STEP-1	*STEP $\mu$ P Stepper Motor Controller Module .....	545.00	0.4	1
500-STEP2	*STEP2 1-Channel Stepper Motor Indexer Module .....	545.00	0.4	1

## SOFTWARE

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT	
			kg	lbs.
500-DADISP2	DADISP II: Worksheet Module .....	800.00	1.3	3
500-UKIT	Soft500 Software Upgrade Kit (5-1/4 in. & 3-1/2 in. diskettes and manual) .....	100.00	varies	
500-QUICKUKIT	Quick500 Software Upgrade Kit (5-1/4 in. & 3-1/2 in. diskettes and manual)^ .....	100.00	varies	
500-QUICK	Compilable Version of Soft500 .....	495.00	2.2	5
500-LABI/O	C Drivers for Series 500 and System 570 .....	495.00	2.2	5
500-LABTECH	LABTECH NOTEBOOK" with key (parallel port required) .....	995.00	2.2	5
500-RTA	LABTECH I REAL-TIME I/O" .....	295.00	2.2	5
500-ASYST12	ASYST-Modules 1,2 with key (parallel port required) .....	1695.00	11.5	25
500-ASYST123	ASYST-Modules 1,2,3 with key (parallel port required) .....	2095.00	12.0	26
500-ASYST1234	ASYST-Modules 1,2,3,4 with key (parallel port required) .....	2295.00	11.5	25
500-ASYSTANT	ASYSTANT Ready-to-Run Scientific Software .....	495.00	3.5	8
500-ASYSTANT+	ASYSTANT+ Scientific Software & Acquisition Module .....	995.00	4.0	9
500-RTMDS	Real Time Monitoring & Disk Storage System (with RTM card) .....	1200.00	5.0	11

\*Contact factory for a listing of compatible computers.

\*Add/Delete options for 500PCS

\*Not for Use in System 570.

\*Requires return of QUICK500 System Disk and QUICK500 manual



## ADDITIONAL 500/570 PRODUCTS

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT	
			kg	lbs.
500-CABL1	IEEE-488 Extension Cable, 1m .....	80.00	0.4	1
500-CABL2	IEEE-488 Extension Cable, 2m .....	85.00	0.9	2
500-CABL3	DIO1 Connector Cable .....	35.00	0.4	1
500-CABL15	System Extension Cable, 15 ft. (for Series 500 only) .....	80.00	1.3	3
500-OAC1	120V AC Control Relay .....	25.00	0.4	1
500-OAC2	240V AC Control Relay .....	25.00	0.4	1
500-IAC1	120V AC Sensing Relay .....	25.00	0.4	1
500-IAC2	240V AC Sensing Relay .....	25.00	0.4	1
500-ODC1	60V DC Control Relay .....	25.00	0.4	1
500-ODC2	200V DC Control Relay .....	25.00	0.4	1
500-IDC1	32V DC Sensing Relay .....	25.00	0.4	1
500-IBIN-A	Series 500 Computer Interface Board for IBM PC/XT/AT & 100% Compatibles .....	460.00	4.1	9
500-IBIN-PS2	Series 500 Computer Interface Board for IBM PS/2 Micro Channel Models .....	770.00	4.1	9
500A-MAIN	500A AC-powered Mainframe (requires computer interface board) .....	1240.00	8.1	18
500P-1-MAIN	500P DC-Powered portable mainframe, 9.5-18V operation; with non-isolated computer supply .....	1230.00	8.1	18
500P-2-MAIN	500P DC-Powered portable mainframe, 9.5-18V operation; with isolated computer supply .....	1430.00	8.1	18
500P-3-MAIN	500P DC-Powered portable mainframe, 18-36V operation; with isolated computer supply .....	1530.00	8.1	18
500-IBMH-1	Additional Series 500 Hardware Manual, IBM & Compatibles .....	80.00	2.2	5
570-IBMH-1	Additional System 570 Hardware Manual, IBM & compatibles .....	80.00	1.8	4
500-IBMS-1	Additional Soft500 Manual, IBM & Compatibles .....	80.00	1.8	4
500-TERMS	Spare Quick Disconnect Blocks (4 ea. 10-screw and 3 ea. 3-screw blocks) .....	35.00	0.4	1
500-RES-250	250Ω Resistors for current loop applications (Pkg. of 8) .....	12.00	0.4	1
500-PCM3	PCM3 AC/DC 16-Channel Power Control Relay Mounting Board .....	220.00	1.3	3
500-PROG	Programming Reference Guide, IBM & Compatibles .....	10.00	0.4	1
500-5009	5-1/4" Slide rack mount kit for 500A and 500P .....	125.00	4.5	10

## COMPATIBILITY

The following computers are compatible with the Series 500 and System 570 hardware: IBM PC, IBM PC/XT, IBM PC/AT, IBM PS/2, Compaq Portable, Compaq Portable II, Compaq Plus Portable, Compaq DeskPro 286, AT&T 6300, AT&T 6300+, HP Vectra, Leading Edge Model D, NCR PC6, NCR PC8, Sperry IT, IIT Extra XP, and Zenith 240. For computers not listed please contact the factory. RTMDS is not compatible with AT&T or HP Vectra; Compaq portables require RTMDS option "001".

PCs are available with a wide variety of disk drives, memory cards, video adapters, and other accessories. A limited number of configurations enable you to take full advantage of SOFT500. The following information summarizes these configurations.

**For IBM PC, XT, AT, PS/2, and 100% Compatibles:**

DOS and BASIC: Versions as recommended by computer manufacturer.

Minimum/Recommended RAM: 512K/640K.

Minimum Disk Drives: 2 floppies, or 1 floppy and 1 fixed disk.

Video Adapter: IBM Color Graphics Adapter, IBM Enhanced Graphics, Hercules Color Card, or 100% Compatible.

**Notes:**

1. Series 500 compatible with computer processors running at up to 20MHz; bus speeds to 12MHz.
2. System 570 compatible with IBM PC, XT, AT, PS/2 Models 25 and 30.
3. Soft500 and Quick500 may be operated on a system equipped with monochrome TTL monitor. Soft500 graphics not compatible with this configuration.
4. We have successfully used AST, Quadram, and Persyst boards for memory expansion on IBM PC, XT, AT, and Compaq Portable computers.
5. SOFT500 requires a minimum of 512K RAM to load and run. 640K provides maximum data storage during acquisition and is recommended.
6. Optional math coprocessor increases the speed of SOFT500 commands that manipulate or plot data.

## IOTECH HARDWARE AND SOFTWARE

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT	
			kg	lbs
GP488B	PC/IEEE-488 Controller Board (without software) .....	295.00	0.4	1
Macro488	Serial to IEEE-488 Controller with real-time clock and non-volatile data storage .....	995.00	1.8	4
Mac488B	Macintosh serial/IEEE-488 controller with MacDriver488 and MacDA488 software .....	595.00	1.8	4
MacII488	Macintosh II IEEE-488 controller board with MacDriver488 and MacDA488 software .....	595.00	1.4	3
MacSCSI488	Macintosh SCSI/IEEE-488 controller with MacDriver488 and MacDA488 software .....	795.00	1.8	4
Micro488A	Serial to IEEE-488 controller .....	695.00	1.8	4
Personal488	PC/IEEE-488 controller (includes GP488B board and Driver488 software) .....	395.00	1.4	3
Personal488/2	IEEE-488 controller board and software for IBM Personal System/2 .....	495.00	1.4	3
Driver488	PC/IEEE-488 DOS software .....	195.00	0.4	1
CABL-7-2	IEEE cable, 6 ft. ....	70.00	1.4	3
CABL-11	Cable - RS-232 to Micro488A, Macro488 or Serial488A, 12 ft. (compatible with IBM PC) .....	45.00	1.4	3
CABL-23	Cable - IBM AT (9 pin) to Serial488A or Micro488A, 12 ft. ....	45.00	1.4	3
CABL-30	Cable - Macintosh Plus/SE/II to Mac488B or MacSerial488, 6 ft. ....	45.00	1.4	3
CABL-32	Cable - Macintosh 512K to Mac488B or MacSerial488, 12 ft. ....	45.00	1.4	3

## METRABYTE HARDWARE AND SOFTWARE

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT	
			kg	lbs
DAS-8PGA	8-Channel 4kHz @ 12-bit A/D Board for IBM PC/XT/AT & 100% Compatibles .....	560.00	1.4	3
μCDAS-8PGA	8-Channel 4kHz @ 12-bit A/D Board for IBM PS2/Model 50, 60, 80 & 100% Compatibles ..	560.00	1.4	3
DAS-16F	16-Channel 100kHz @ 12-bit A/D Board for IBM PC/XT/AT & 100% Compatibles .....	1115.00	1.8	4
DAS-20	16-Channel 100kHz @ 12-bit A/D Board for IBM PC/XT/AT & 100% Compatibles .....	1495.00	1.8	4
STA-08PGA	Screw Termination Panel for DAS-8PGA & μCDAS-8PGA .....	115.00	0.9	2
EXP-16	Expansion Multiplexer for DAS-16F .....	375.00	0.9	2
EXP-20	Expansion Multiplexer for DAS-20 .....	395.00	0.9	2
SSH-4	4-Channel Simultaneous Sample & Hold for DAS-20 .....	425.00	0.9	2
PCF-8	Pascal, C, Fortran drivers for DAS-8PGA and μCDAS-8PGA .....	95.00	0.4	1
PCF-16	Pascal, C, Fortran drivers for DAS-16F .....	95.00	0.4	1
PCF-20	Pascal, C, Fortran drivers for DAS-20 .....	95.00	0.4	1
STREAMER	High Speed Data-to-Disk Software for DAS-16F & DAS-20 .....	250.00	0.4	1
CDAS-2000	Cable - EXP-20 or SSH-4 to DAS-20 .....	25.00	0.9	2
CABL-1600	Cable - DAS-16F to EXP-16 .....	30.00	0.9	2
CABL-1800	Cable - STA-16 to DAS-16F, or STA-08PGA to DAS-8PGA .....	25.00	0.9	2

## ANALOG DEVICES HARDWARE

MODEL	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT	
			kg	lbs
3B01	16-Channel Baseboard, includes AC 1554 cable & quick disconnect connector .....	385.00	1.4	3
3B02	8-Channel Baseboard, includes AC 1554 cable & quick disconnect connector .....	275.00	1.4	3
3B03	4-Channel Baseboard, includes AC 1554 cable & quick disconnect connector .....	155.00	0.9	2
AC1300	Power Supply: 115 VAC in, ±15 VDC @ ±200 mA out .....	110.00	1.8	4
AC130	Power Supply: 115 VAC in, ±15 VDC @ ±350 mA out .....	148.00	1.8	4
AC1302	Power Supply: 24 VDC in, ±15 VDC @ ±190 mA out .....	120.00	1.8	4
AC1307	Power Supply: 115 VAC in, ±15 VDC @ +800, -225 mA out and +24VDC @ + 350 mA out ...	220.00	0.8	4
AC1310	Plug-in programming card (requires user-supplied resistors) .....	14.00	0.4	1



## ANALOG DEVICES SIGNAL CONDITIONING MODULES

MODULES	DESCRIPTION	DOMESTIC PRICE	SHIPPING WEIGHT	
			kg	lbs
3B32-00	DC volts module, isolated programmable .....	185.00	0.4	1
3B32-01	DC volts module, isolated 4-20mA .....	185.00	0.4	1
3B32-02	DC volts module, isolated 0-20mA .....	185.00	0.4	1
3B15-00	4-wire Pt. RTD module, programmable .....	170.00	0.4	1
3B15-01	4-wire Pt. RTD module, -100° to 100°C .....	170.00	0.4	1
3B15-02	4-wire Pt. RTD module, 0° to 100°C .....	170.00	0.4	1
3B15-03	4-wire Pt. RTD module, 0° to 200°C .....	170.00	0.4	1
3B15-04	4-wire Pt. RTD module, 0° to 600°C .....	170.00	0.4	1
3B16-00	Strain gage module, programmable .....	170.00	0.4	1
3B16-01	Strain gage module, 3mV/V .....	170.00	0.4	1
3B17-00	LVDT module, programmable .....	225.00	0.4	1
3B17-01	LVDT module, 3V rms @ 2.5kHz .....	225.00	0.4	1
3B17-02	LVDT module, 5V rms @ 5 kHz .....	225.00	0.4	1
3B17-03	LVDT module, 5V rms @ 7.5kHz .....	225.00	0.4	1
3B17-04	LVDT module, 1V rms @ 10kHz .....	225.00	0.4	1
3B18-00	Strain gage module, programmable .....	185.00	0.4	1
3B18-01	Strain gage module, $\pm 30$ mV, 3mV/V .....	185.00	0.4	1
3B18-02	Strain gage module, $\pm 10$ mV, 3mV/V .....	185.00	0.4	1
3B30-00	DC volts module, programmable .....	210.00	0.4	1
3B30-01	DC volts module, isolated $\pm 10$ mV .....	210.00	0.4	1
3B30-02	DC volts module, isolated $\pm 50$ mV .....	210.00	0.4	1
3B30-03	DC volts module, isolated $\pm 100$ mV .....	210.00	0.4	1
3B31-00	DC volts module, isolated programmable .....	185.00	0.4	1
3B31-01	DC volts module, isolated $\pm 1$ V .....	185.00	0.4	1
3B31-02	DC volts module, isolated $\pm 5$ V .....	185.00	0.4	1
3B31-03	DC volts module, isolated $\pm 10$ V .....	185.00	0.4	1
3B34-00	2/3/4 Pt. RTD module, isolated programmable .....	210.00	0.4	1
3B34-01	2/3/4 Pt. RTD module, isolated -100° to 100°C .....	210.00	0.4	1
3B34-02	2/3/4 Pt. RTD module, isolated 0° to 100°C .....	210.00	0.4	1
3B34-03	2/3/4 Pt. RTD module, isolated 0° to 200°C .....	210.00	0.4	1
3B34-04	2/3/4 Pt. RTD module, isolated 0° to 600°C .....	210.00	0.4	1
3B37-J-01	Type J TC module, isolated -100° to 760°C .....	210.00	0.4	1
3B37-K-02	Type K TC module, isolated -100° to 1350°C .....	210.00	0.4	1
3B37-T-03	Type T TC module, isolated -100° to 400°C .....	210.00	0.4	1
3B37-E-04	Type E TC module, isolated 0° to 900°C .....	210.00	0.4	1
3B37-R-05	Type R TC module, isolated 0° to 1750°C .....	210.00	0.4	1
3B37-S-05	Type S TC module, isolated 0° to 1750°C .....	210.00	0.4	1
3B37-B-06	Type B TC module, isolated 0° to 1800°C .....	210.00	0.4	1
3B40-00	DC volts module, isolated programmable wideband .....	210.00	0.4	1
3B40-01	DC volts module, isolated $\pm 10$ mV wideband .....	210.00	0.4	1
3B40-02	DC volts module, isolated $\pm 50$ mV wideband .....	210.00	0.4	1
3B40-03	DC volts module, isolated $\pm 100$ mV wideband .....	210.00	0.4	1
3B42-00	AC volts module, isolated programmable .....	210.00	0.4	1
3B42-01	AC volts module, isolated 0 to 50mV RMS .....	210.00	0.4	1
3B42-02	AC volts module, isolated 0 to 100mV RMS .....	210.00	0.4	1
3B44-00	AC volts module, isolated programmable .....	210.00	0.4	1
3B44-01	AC volts module, isolated 0 to 150V RMS .....	210.00	0.4	1
3B44-02	AC volts module, isolated 0 to 250V RMS .....	210.00	0.4	1
3B45-00	Frequency module, isolated programmable .....	225.00	0.4	1
3B45-01	Frequency module, isolated 0 to 25Hz .....	225.00	0.4	1
3B45-02	Frequency module, isolated 0 to 300Hz .....	225.00	0.4	1



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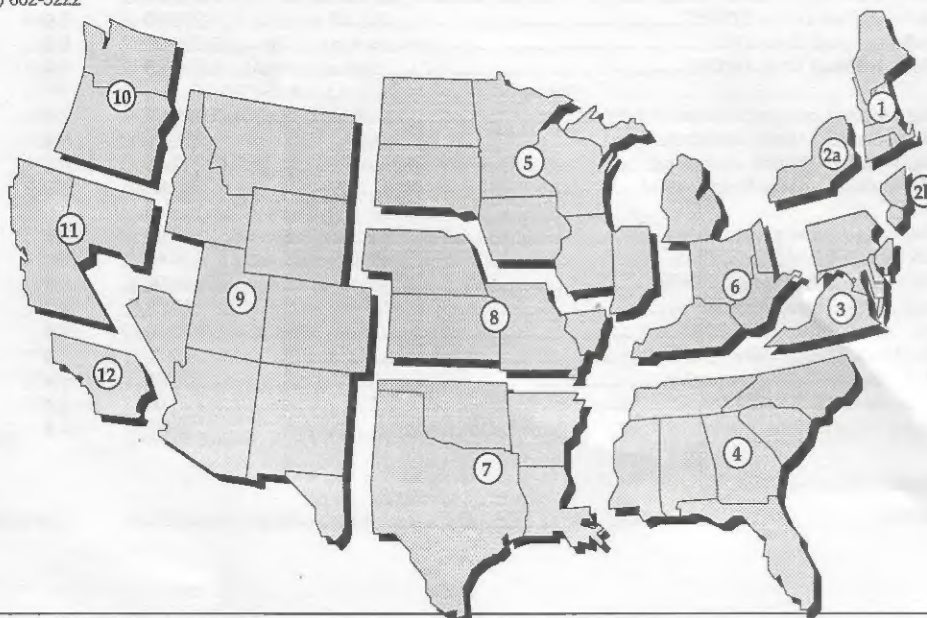
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Instruments and/or apparatus returned to Keithley due to improper selection by the user will be subject to a restocking charge if not returned within 30 days.

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#### WARRANTY

We warrant each of our products to be free from defects in material and workmanship. Our obligation under this warranty is to repair or replace any instrument or part thereof which, within a year after shipment, proves defective upon examination. We will pay local domestic surface freight costs.

To exercise this warranty, write or call your local Keithley representative, or contact Keithley headquarters in Cleveland, Ohio. you will be given prompt assistance and shipping instructions. (NOTE: This warranty does not cover battery replacement or damage caused by battery leakage; certain accessories carry a 90-day warranty.)

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